AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Claim 1. (Currently Amended) A managing apparatus for managing data necessary for delivering a <u>digital</u> content, comprising:

reserving means for reserving a delivery resource for the content;

~~automatic~~ assigning means for ~~automatically calculating~~ <u>adjusting</u> a ~~minimum~~ bandwidth and <u>a</u> transmission time necessary for delivering the content and for assigning the ~~calculated minimum~~ bandwidth and <u>the</u> transmission time ~~as an initial value of~~ <u>to</u> the reserved delivery resource;

storing means for storing the ~~calculated minimum~~ bandwidth and <u>the</u> transmission time ~~as the initial value of~~ <u>to</u> the reserved delivery resource; and

transmitting means for transmitting ~~the initial value of~~ <u>an</u> <u>information of the content and</u> the reserved delivery resource <u>information that includes the bandwidth and the transmission time,</u>

<u>wherein a delivery resource is assigned corresponding to a convenience of a content provider</u>.

Claim 2. (Currently Amended) A managing apparatus for managing data necessary for delivering a <u>digital</u> content, comprising:

content list displaying means for displaying a list of contents that can be delivered;

reservation state displaying means for displaying a reservation state of a delivery resource;

content selecting means for selecting a content from said displayed list of contents;

operating means for assigning a delivery resource for delivering the selected content <u>as an area on the reservation state displaying means by drag and drop operation from the list of contents to the reservation state of a delivery resource</u>; and

automatic assignment means for automatically calculating a ~~minimum~~ bandwidth and <u>a</u> transmission time necessary for delivering the selected content ~~and for assigning the calculated minimum bandwidth and transmission time as an initial value of the assigned delivery resource~~ <u>by shaping the area,</u>

<u>wherein a delivery resource is assigned corresponding to a convenience of a content provider</u>.

Claim 3. (Currently Amended) The managing apparatus as set forth in claim 1 or 2, further comprising:

transmitting means for transmitting the content using the ~~assigned initial value of the delivery resource~~ <u>assigned bandwidth and transmission time</u>.

Claim 4. (Canceled)

Claim 5. (Canceled)

Claim 6. (Original) The managing apparatus as set forth in claim 1 or 2, further comprising:

converting means for converting the format of each content corresponding to a reserved delivery resource.

Claim 7. (Previously Presented) The managing apparatus as set forth in claim 1 or 2,

wherein a transmission resource is reserved for each content, the transmission resource being composed of a limited transmission band and transmission time, and

wherein each content is transmitted corresponding to the reserved transmission resource information.

Claim 8. (Previously Presented) The managing apparatus as set forth in claim 1 or 2,

wherein a delivery resource is assigned in such a manner that a plurality of transmission paths is selected.

Claim 9. (Cancelled)

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Claim 10. (Original) The managing apparatus as set forth in claim 1 or 2,

wherein a reservation state can be browsed from one or more distributed environments.

Claim 11. (Original) The managing apparatus as set forth in claim 1 or 2,

wherein a delivery resource can be reserved from one or more distributed environments.

Claim 12. (Currently Amended) A managing method for managing data necessary for delivering a <u>digital</u> content, comprising the steps of:

reserving a delivery resource for the content;

~~calculating a minimum~~ <u>adjusting a</u> bandwidth and <u>a</u> transmission time necessary for delivering the content and assigning the ~~calculated minimum~~ bandwidth and <u>the</u> transmission time ~~as an initial value of~~ <u>to</u> the reserved delivery resource;

storing the ~~calculated minimum~~ bandwidth and <u>the</u> transmission time ~~as the initial value of~~ <u>to</u> the reserved delivery resource; and

transmitting ~~the initial value of~~ <u>an information of the content and</u> the reserved delivery resource <u>information that includes the bandwidth and the transmission time,</u>

wherein a delivery resource is assigned corresponding to a convenience of a content provider.

Claim 13. (Currently Amended) A managing method for managing data necessary for delivering a digital content, comprising the steps of:

displaying a list of contents that can be delivered;

displaying a reservation state of a delivery resource;

selecting a content from said displayed list of contents;

assigning the delivery resource for delivering the selected content as an area on the reservation state displaying means by drag and drop operation from the list of contents to the reservation state of a delivery resource; and

automatically calculating a ~~minimum~~ bandwidth and a transmission time necessary for delivering the selected content ~~and assigning the calculated minimum bandwidth and transmission time as an initial value of the assigned delivery resource~~ by shaping the area,

wherein a delivery resource is assigned corresponding to a convenience of a content provider.